

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005440.D
 Acq On : 17 Sep 2018 18:01
 Operator : SY/AP
 Sample : J4929-05
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-12

Quant Time: Sep 18 02:04:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

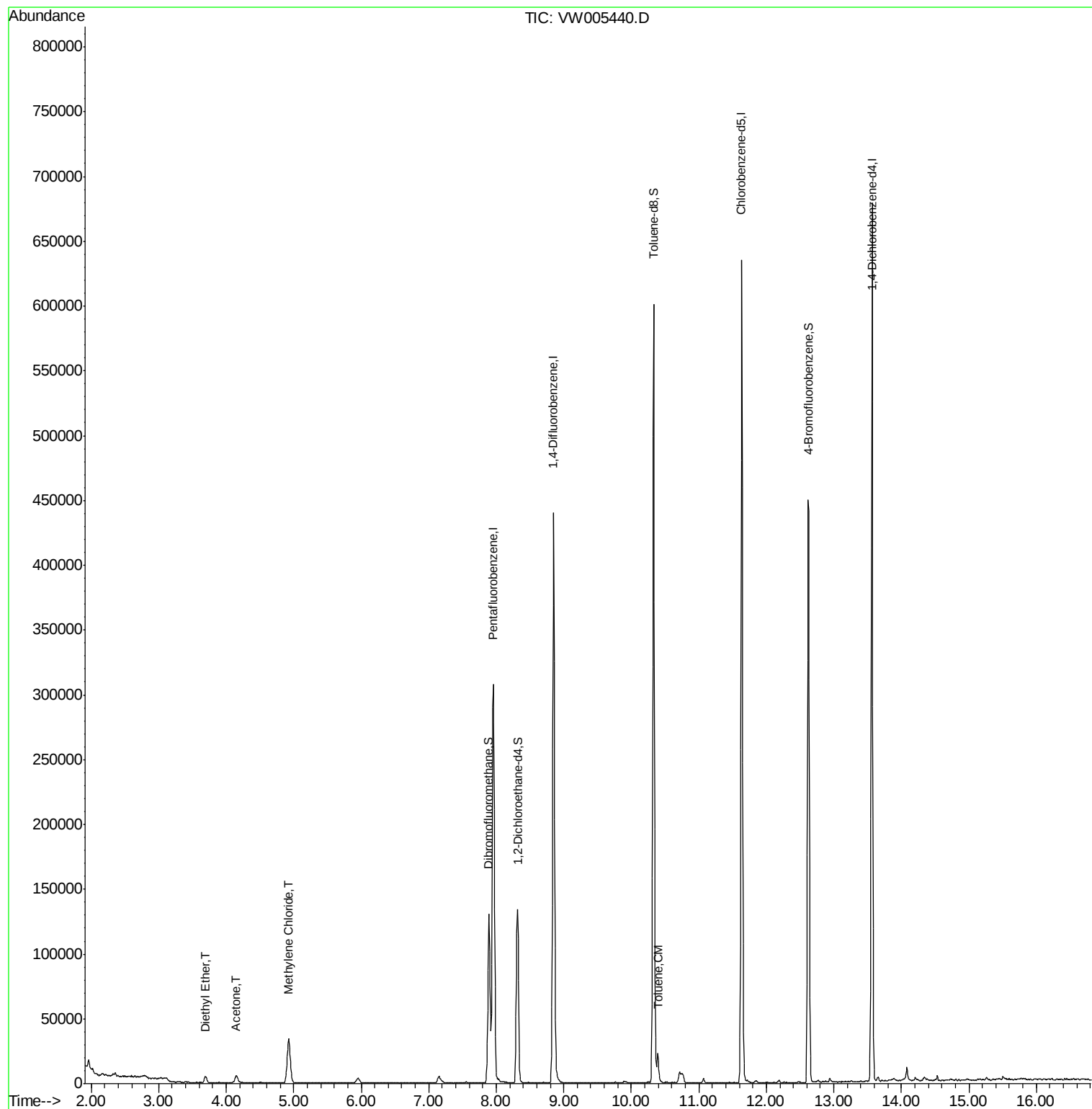
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	238382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	371572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112628	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
35) Dibromofluoromethane	7.90	113	91812	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	10.33	98	397504	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	12.62	95	143692	41.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
8) Diethyl Ether	3.69	74	2700	2.60	ug/l	96
16) Acetone	4.15	43	10563	12.57	ug/l	97
20) Methylene Chloride	4.92	84	25543	5.27	ug/l	95
52) Toluene	10.40	92	8133	1.18	ug/l	99

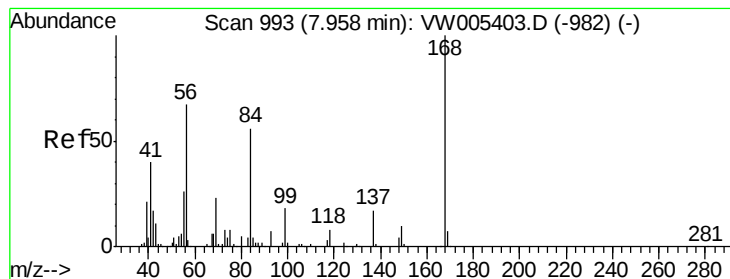
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

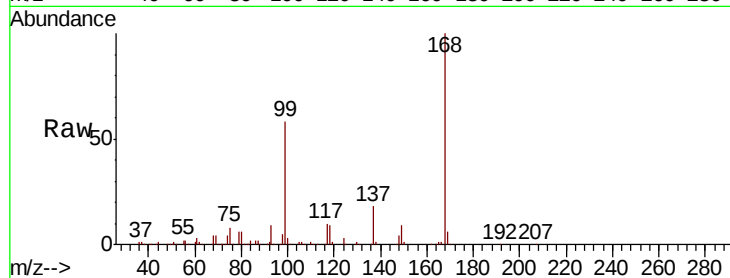
SP-PIT-12

Tot Ion:168 Resp: 238382

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

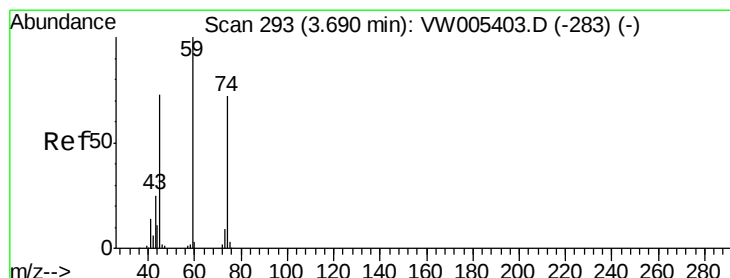
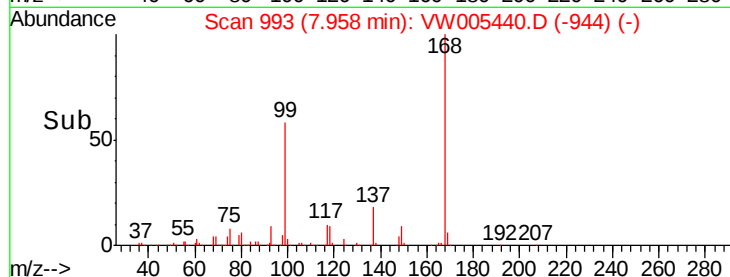
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.60 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005440.D

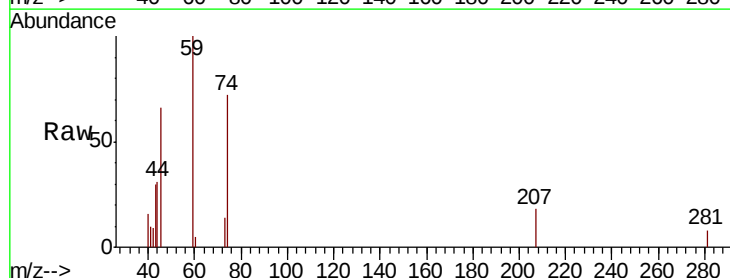
Acq: 17 Sep 2018 18:01

Tgt Ion: 74 Resp: 2700

Ion Ratio Lower Upper

74 100

45 110.7 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

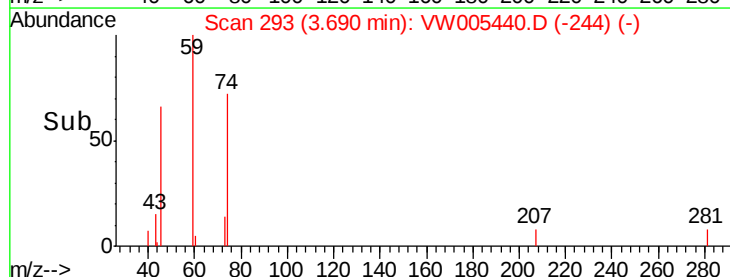
1500

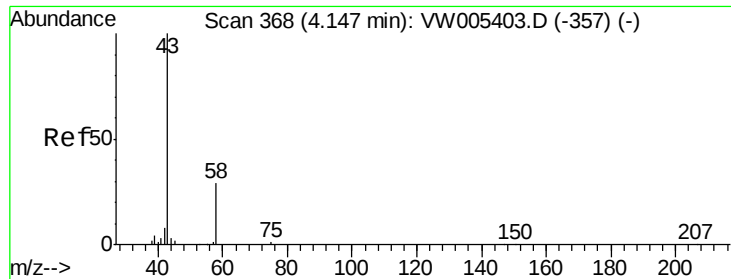
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 12.57 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

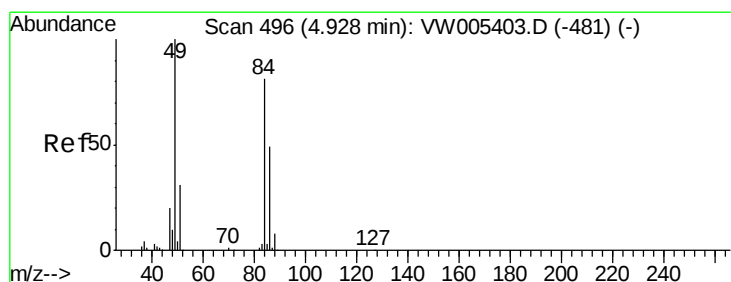
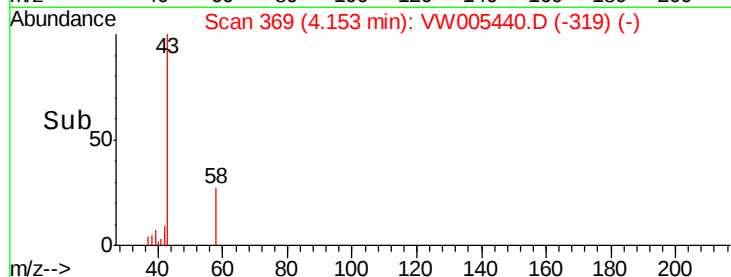
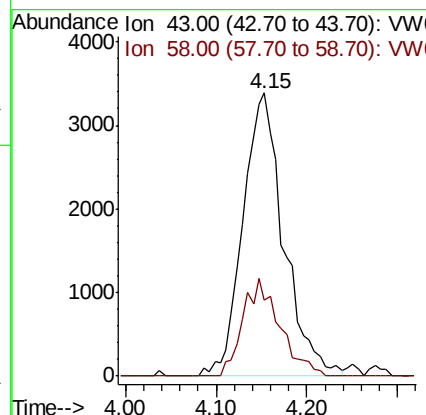
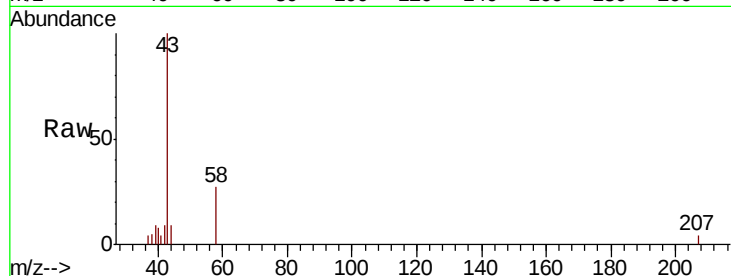
SP-PIT-12

Tot Ion: 43 Resp: 10563

Ion Ratio Lower Upper

43 100

58 26.7 22.8 34.2



#20

Methylene Chloride

Concen: 5.27 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Tgt Ion: 84 Resp: 25543

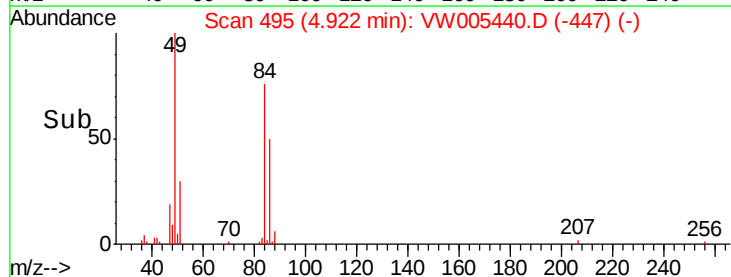
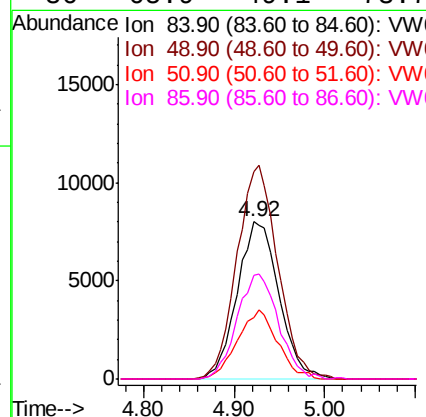
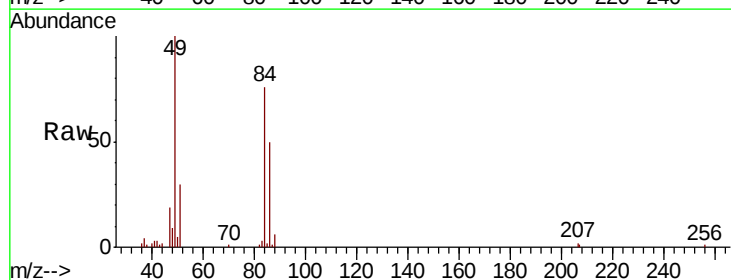
Ion Ratio Lower Upper

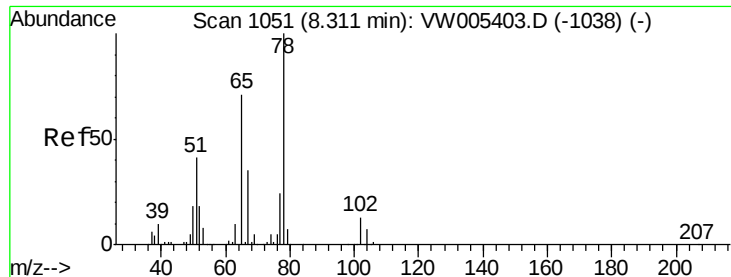
84 100

49 131.5 99.3 148.9

51 39.1 31.1 46.7

86 65.9 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 45.52 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

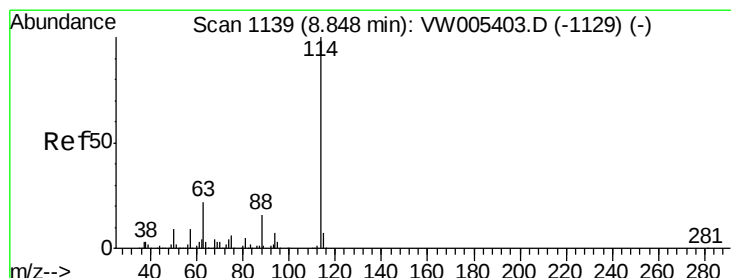
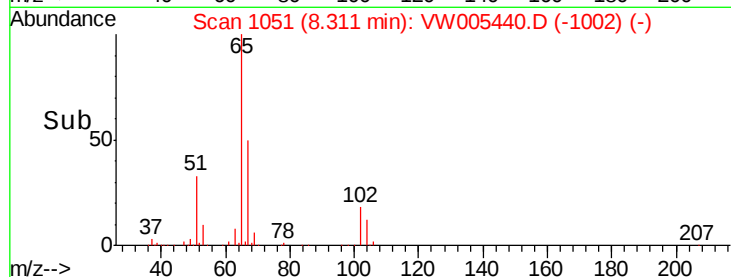
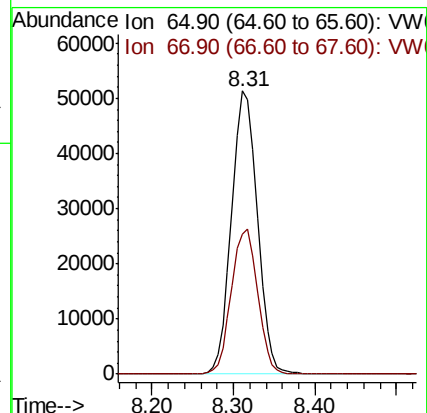
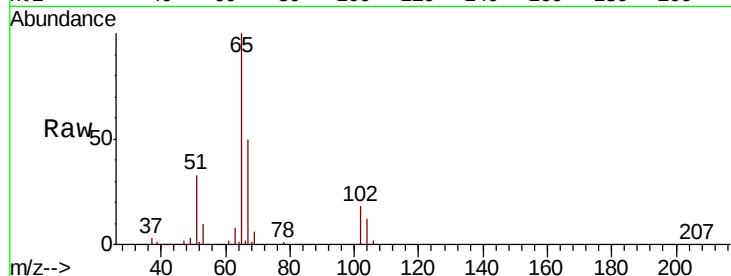
SP-PIT-12

Tot Ion: 65 Resp: 112628

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

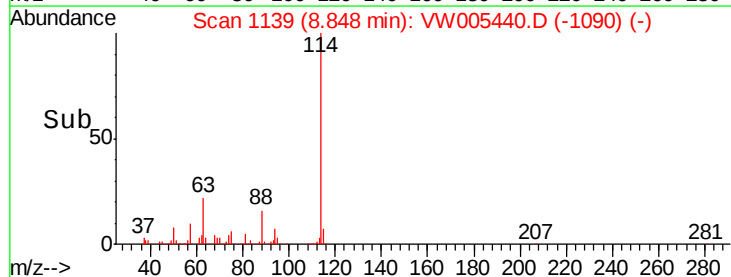
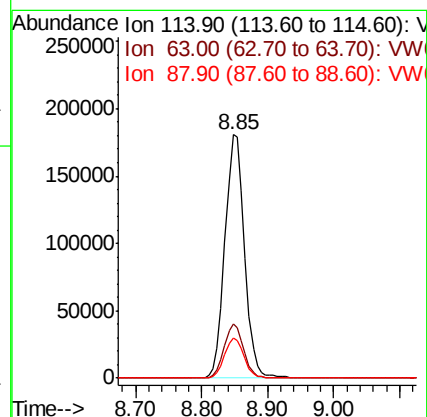
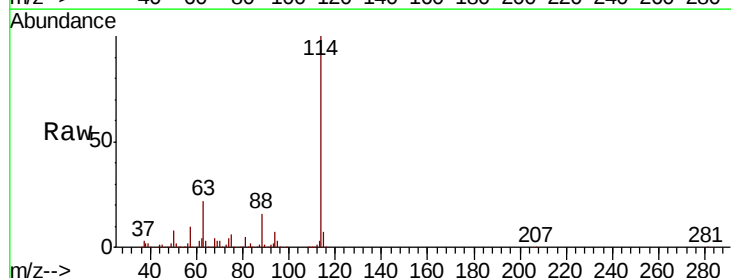
Tgt Ion: 114 Resp: 371572

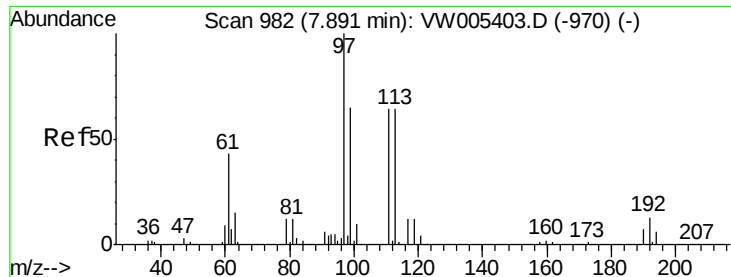
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.3 0.0 31.8

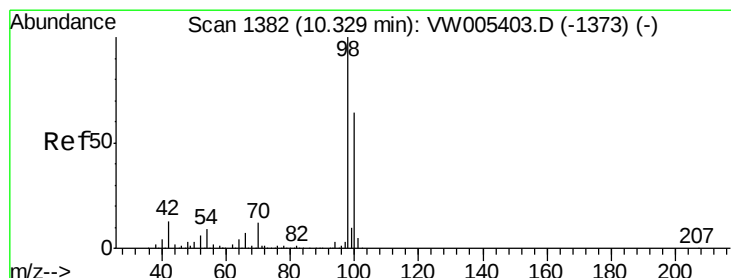
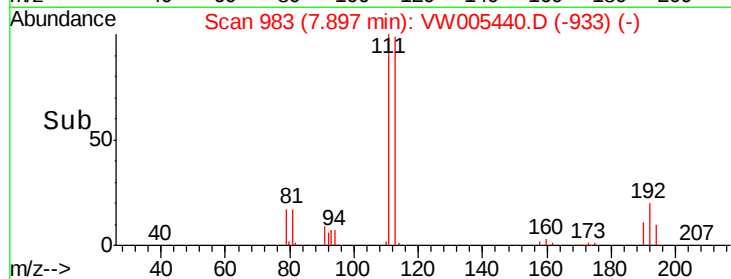
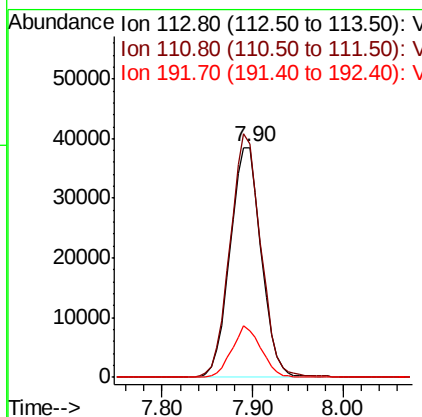
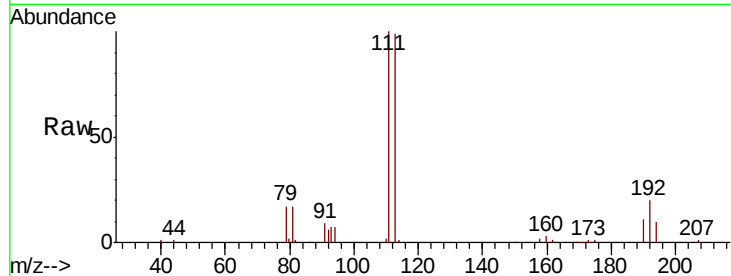




#35
 Dibromofluoromethane
 Concen: 44.07 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005440.D
 Acq: 17 Sep 2018 18:01

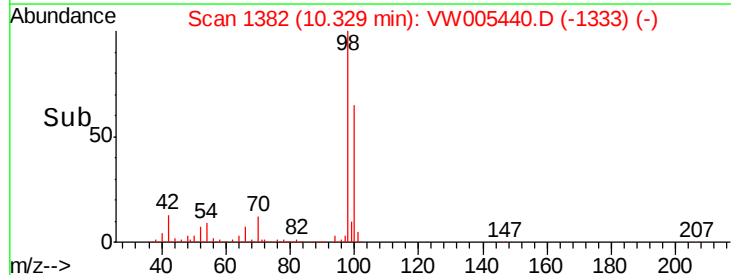
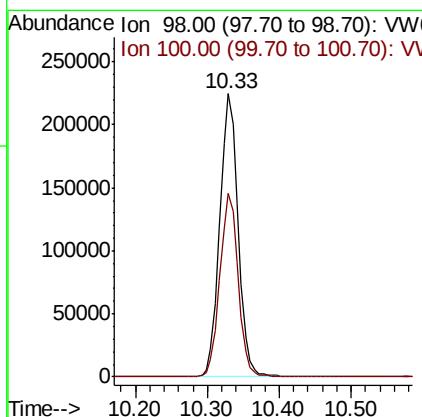
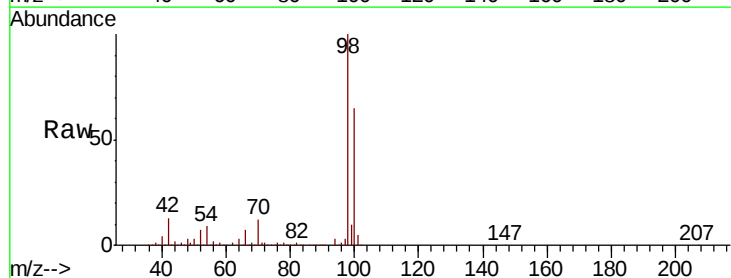
Instrument :
 MSVOA_W
 ClientSampled :
 SP-PIT-12

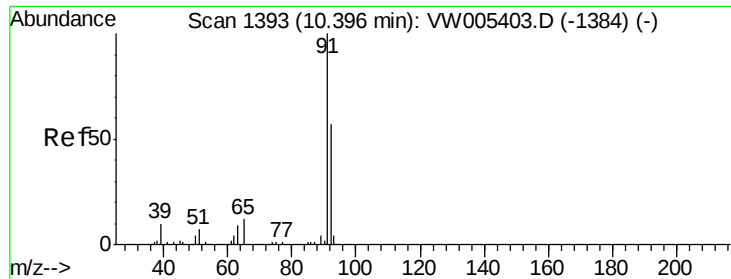
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	20.9	16.5	24.7



#50
 Toluene-d8
 Concen: 41.66 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005440.D
 Acq: 17 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





#52

Toluene

Concen: 1.18 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

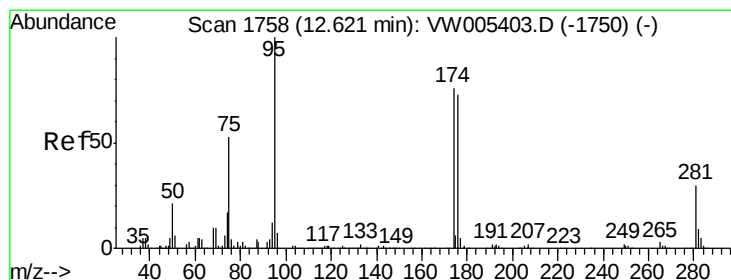
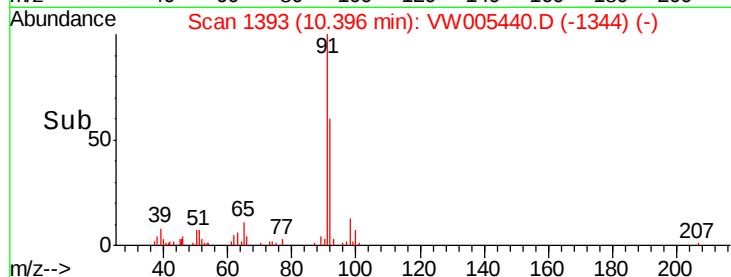
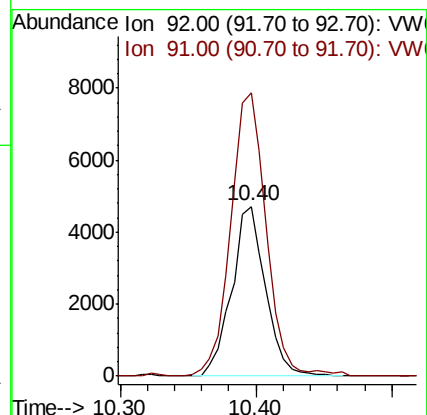
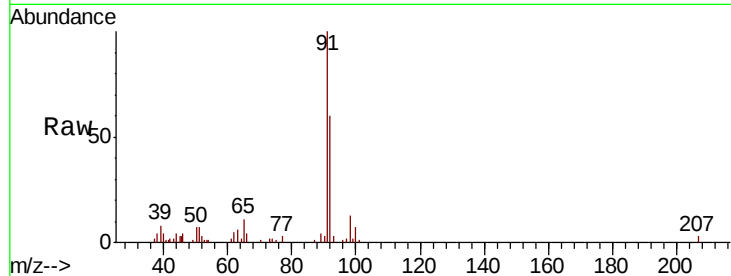
SP-PIT-12

Tot Ion: 92 Resp: 8133

Ion Ratio Lower Upper

92 100

91 175.7 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 41.07 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

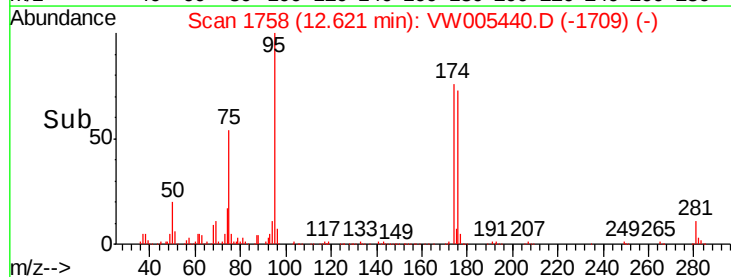
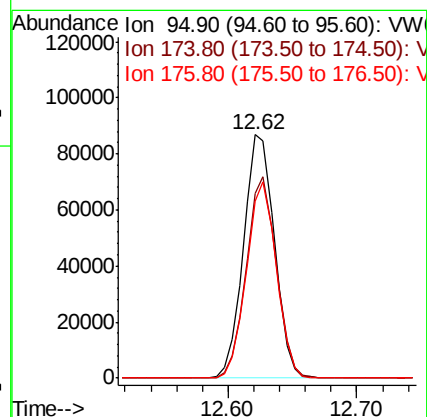
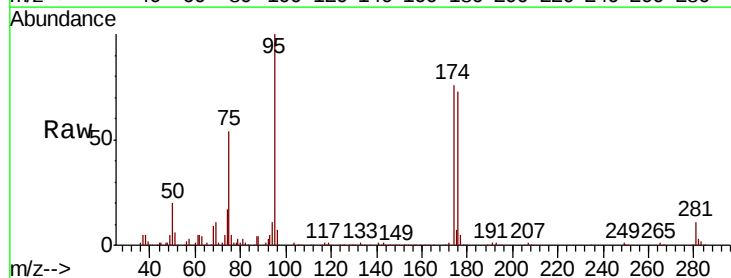
Tgt Ion: 95 Resp: 143692

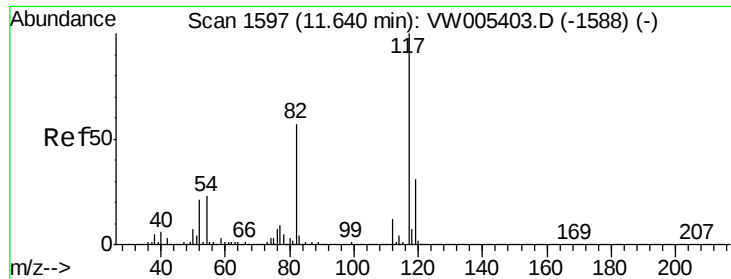
Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.2

176 77.8 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

SP-PIT-12

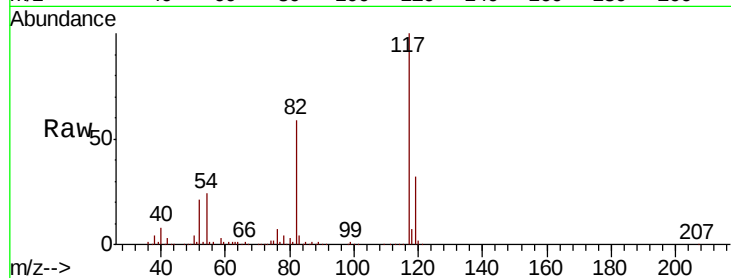
Tot Ion:117 Resp: 356897

Ion Ratio Lower Upper

117 100

82 59.4 45.9 68.9

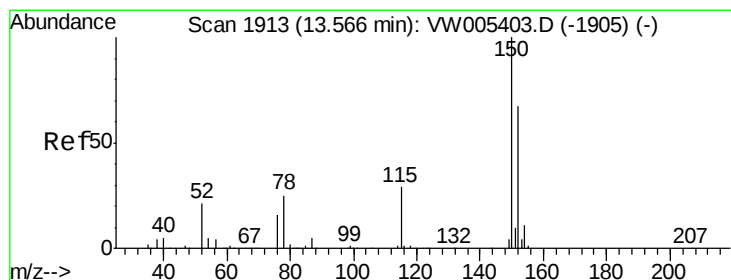
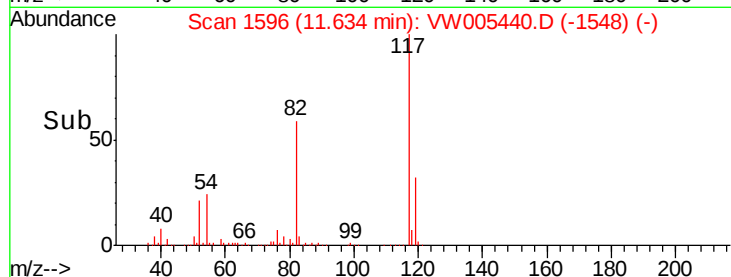
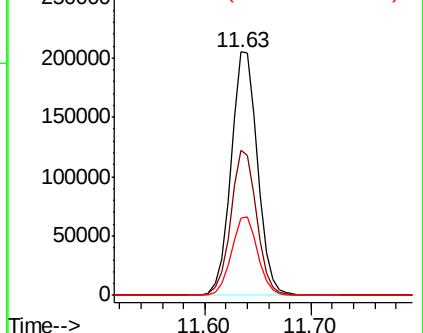
119 31.5 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005440.D

Acq: 17 Sep 2018 18:01

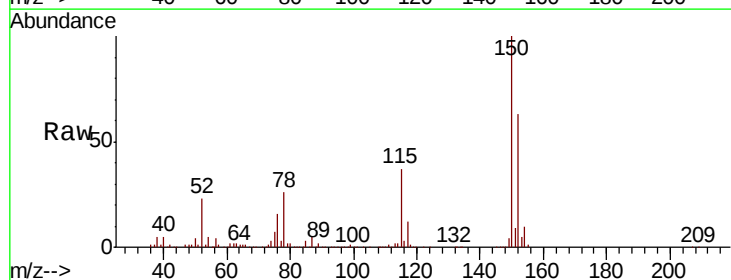
Tgt Ion:152 Resp: 174960

Ion Ratio Lower Upper

152 100

115 58.6 29.5 88.5

150 157.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

